

Figure 1

(E5500-B) Reelmaster 5500-D		
Today's Date: Tuesday, November 26, 2002		Current Meter: 1454 Hr
Service Requirements:		
Service Description	Next Maint Meter/Date	
<input checked="" type="checkbox"/> Adjust Valves	800	▲
<input checked="" type="checkbox"/> Change Engine Oil	50	
<input checked="" type="checkbox"/> Change Hydraulic Fluid	800	▼
<input checked="" type="checkbox"/> Change Rear Axle Lubricant (4WD)	800	
<input checked="" type="checkbox"/> Check Battery Cable Connections	50	▼
<input checked="" type="checkbox"/> Check Battery Electrolyte Level	50	
<input checked="" type="checkbox"/> Check Engine RPM (Idle & Full Th)	400	
<input checked="" type="checkbox"/> Check Fan and Alternator Belt Ten	100	
<input checked="" type="checkbox"/> Check Reel Wheel Tension	800	
<div> <div>Create WO</div> <div>Snooze</div> <div>Main</div> </div>		

Figure 2: Screen shot of a particular PM Alert for selected equipment E5500-B Reelmaster

(E5500-B) Reelmaster 5500-D		WO# 1145
Viewing Services	View Parts	View Labor
		Print
Service		
<input checked="" type="checkbox"/> Change Engine Oil	▲	
<input checked="" type="checkbox"/> Check Battery Cable Connections		
<input checked="" type="checkbox"/> Check Battery Electrolyte Level	▼	
<input checked="" type="checkbox"/> Check Fan and Alternator Belt Tension		
<input checked="" type="checkbox"/> Check Reel Bearing Preload	▼	
<input checked="" type="checkbox"/> Drain Moisture-Fuel Tank		
<input checked="" type="checkbox"/> Drain Moisture-Hydraulic. Tank		
<input checked="" type="checkbox"/> Inspect Air Filter, Dust Cup and Baffle		
<input checked="" type="checkbox"/> Inspect Cooling System Hoses		
<div> <div>Close WO</div> <div>Add Scheduled Service</div> <div>Add Repair</div> <div>Main</div> </div>		

Figure 3: View In Progress: Details of Work Order number 1145 (Work Order Detail)

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(E5500-B) Reelmaster 5500-D WO# 1145

V(E5500-B) Reelmaster 5500-D

Enter repair description:

REPAIR DAMAGED TIRE

CLEAR					BACKSPACE					1	2	3	
A	B	C	D	E	F	G	H	I	J	4	5	6	
K	L	M	N	O	P	Q	R	S	T	7	8	9	
U	V	W	SPACE					X	Y	Z	-	0	.

OK Cancel

Figure 4: View In Progress: View Services tab: Add Repair button

(E5500-B) Reelmaster 5500-D WO# 1145

View Services Viewing Parts View Labor Print

Inventory Part	Quantity	Type
<input checked="" type="checkbox"/> (86-6110) FILTER - ELEMENT	1	PM

Cost of misc. parts used: PM \$0.00 Repair n/a

Close WO Add Part Main

Figure 5: View In Progress: View Parts tab

(E5500-B) Reelmaster 5500-D WO# 1145

View Services View Parts **Viewing Labor** Print

Employee
☒ Kenned

Adding Labor:

Employee: Schlatre, Larry

Rate: Regular

Minutes: 15

Done Cancel

Close WO Add Labor Main

Figure 6: View In Progress: View Labor: Add Labor button

GCS Req Maint - Choose Equip

Eq requiring maint of 5/23/02

(CC01) Club Car FE350 Gas Vehicle
 (CC02) Club Car FE350 Gas Vehicle
 (TR01) Greenmaster 3250 D

Back

FIGURE 7 pick list of maintenance equipment

GCS Req Maint - Maint Items

(CC01) Club Car FE350 Gas Vehicle

Change engine oil and filter
 Check battery electrolyte level
 Check Brake Cables for Damage
 Check Brake Shoes
 Check Electrical Connections
 Check Engine Coolant for Leaks
 Check Hoses & Tighten Hoses & Clamps
 Check Transmission Oil Level
 Check/Adjust Front Wheel Alignment
 Create Work Order

Back

FIGURE 8 Required Maintenance: View Service

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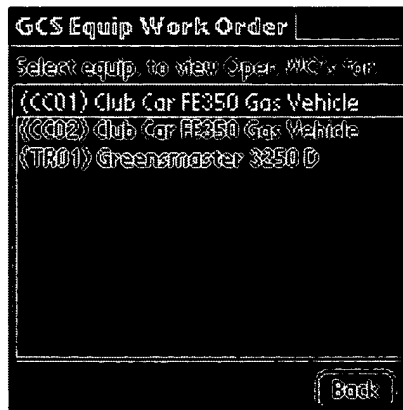


Figure 9 Equipment Work Orders: All Open (Fleet)



Figure 10- Inventory: Main



Figure 11 - Inventory: Create Item

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GCS Inventory - Item Details

11223 SHRI

Location: #1 01

Grp/Sub: Pa-New/Equipment/Tools

Vendor: Napa

Vnd Pct: 11223 SHRI

Qty on hand: 17

New Qty on hand: 17

Update [X] Print Barcode [X] Bold [X]

Figure 12 - Inventory: Details (Scan Item)

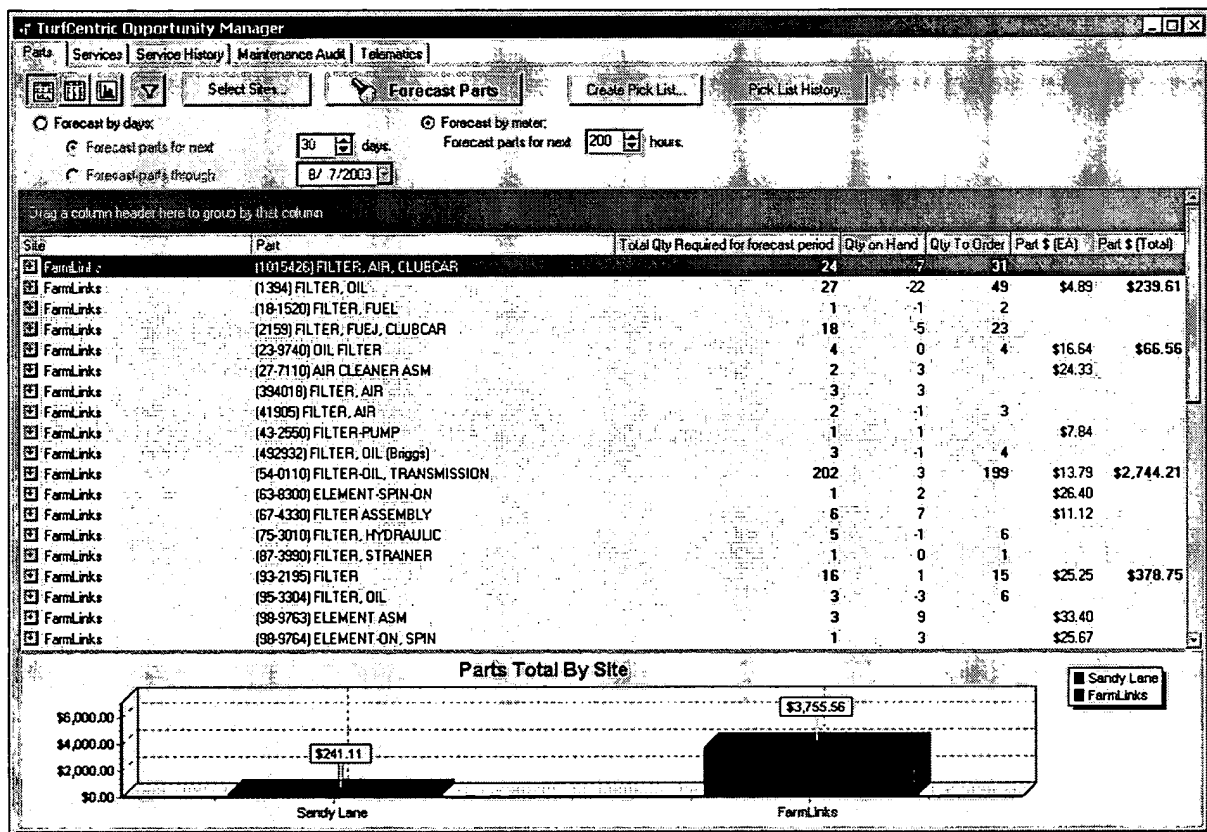


Figure 13: Parts Forecast Results, Grid and Graph

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Pick List #12

Sandy Lane

Ship	Part	\$ EA	Needed	Ship Qty
<input checked="" type="checkbox"/>	(94-2621) FILTER ELEMENT	\$59.80	1	1
<input checked="" type="checkbox"/>	(98-9764) ELEMENT-ON, SPIN	\$25.67	1	1
<input checked="" type="checkbox"/>	(99-8358) KIT-ELEMENT, W/O-RING	\$9.93	1	1
<input checked="" type="checkbox"/>	(99-8384) FILTER-OIL	\$15.89	5	5
<input checked="" type="checkbox"/>	(MOBILDT15M) Hydraulic Oil, MobilDT15M	\$4.99	13	13
<input checked="" type="checkbox"/>	(SAE30SH,SJ) Engine Oil, SAE30SH,SJ	\$1.39	1	1
<input type="checkbox"/>	(93-2195) FILTER	\$25.25	0	0
<input type="checkbox"/>	(93-9162) FILTER-PRIMARY	\$51.98	0	0
<input type="checkbox"/>	(93-9163) FILTER-SECONDARY	\$36.45	0	0
<input type="checkbox"/>	(SAE10W30CF,CF4) Engine Oil, SAE10W30CF,CF4	\$0.99	0	0
<input type="checkbox"/>	(SAE80W90) Gear Oil, SAE80W90	\$1.39	0	0

Select All Unselect All Invert Selection

Pick List Notes

☒ Update Client Parts Inventory
 ☐ Cancel

Figure 14: Create Pick List Detail

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Pick List History

Drag a column header here to group by that column

Pick List #	Date	Course	Notes	Applied
12	7/7/2003	Sandy Lane		N
11	7/3/2003	Sandy Lane		N
10	7/3/2003	Sandy Lane		N
9	7/3/2003	Sandy Lane		Y
8	7/3/2003	Sandy Lane		N
7	7/3/2003	Sandy Lane		Y
6	7/3/2003	Sandy Lane		N

Parts	Ship Qty
(93-2195) FILTER	2
(94-2621) FILTER ELEMENT	10
(98-9764) ELEMENT-ON, SPIN	1
(99-8358) KIT-ELEMENT, W/O-RING	1
(99-8384) FILTER-OIL	5
(MOBIL DTE15M) Hydraulic Oil, Mobil DTE15M	13
(SAE 30SH,SJ) Engine Oil, SAE 30SH,SJ	1

Notes

Pick List #	Date	Course	Notes	Applied
5	7/3/2003	Sandy Lane		N
4	7/3/2003	Sandy Lane		N

Close

Figure 15: Pick List History Detail

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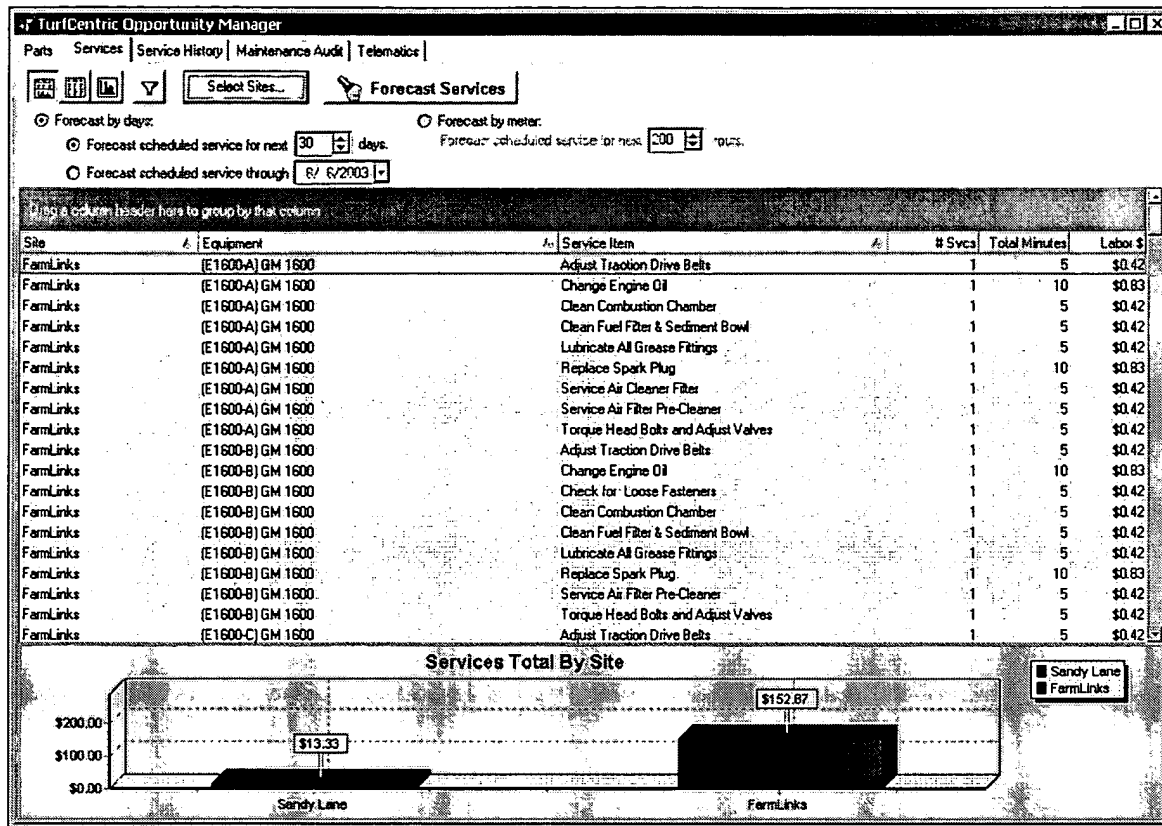


Figure 16: Services Forecast Results, Grid and Graph

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TurfCentric Opportunity Manager									
Parts Services Service History Maintenance Audit Telematics									
Select Sites... Get Service History									
<input type="radio"/> Retrieve history for past 30 days <input type="radio"/> Retrieve history between 6/ 7/2003 and 7/ 7/2003 <input type="radio"/> Retrieve history since 6/ 7/2003 <input checked="" type="radio"/> Retrieve ALL history									
Drag a column header here to group by that column									
Site	WO #	WO Date	Task #	Task Type	Equipment Item	Labor Hrs	Labor \$	Non-Inv Parts \$	Inv Parts \$
FamLinks	1003	7/23/2002	1	PM	(EWORK2100-A) Workman 2100	1	\$16.83	\$0.00	\$0.00
FamLinks	1005	7/23/2002	1	PM	(E31000-A) RM 31000	2	\$33.66	\$0.00	\$0.00
FamLinks	1006	10/16/2002	1	PM	(ECLUB-C) Club Car Carryall 2	0	\$0.00	\$0.00	\$0.00
FamLinks	1007	10/16/2002	1	PM	(ECLUB-C) Club Car Carryall 2	0	\$0.00	\$0.00	\$0.00
FamLinks	1009	10/16/2002	1	PM	(E31000-A) RM 31000	0	\$0.00	\$0.00	\$0.00
FamLinks	1010	10/17/2002	1	PM	(ECLUB-D) Club Car Carryall 2	0.5	\$8.41	\$0.00	\$0.00
FamLinks	1011	10/17/2002	1	PM	(ECLUB-D) Club Car Carryall 2	0.5	\$8.41	\$0.00	\$0.00
FamLinks	1012	10/17/2002	1	PM	(ECLUB-E) Club Car Carryall 2	0.5	\$8.41	\$0.00	\$0.00
FamLinks	1013	10/17/2002	1	PM	(ECLUB-H) Club Car Carryall 2	0.5	\$8.41	\$0.00	\$0.00
FamLinks	1014	10/17/2002	1	PM	(ECLUB-G) Club Car Carryall 2	0.5	\$8.41	\$0.00	\$0.00
FamLinks	1015	10/17/2002	1	PM	(ECLUB-B) Club Car Carryall 2	0.5	\$8.41	\$0.00	\$0.00
FamLinks	1016	10/18/2002	1	PM	(EWORK5600-A) MultiPro 5600 Spray Rig	0.5	\$8.41	\$0.00	\$0.00
FamLinks	1017	10/17/2002	1	PM	(EWORK3200-A) Workman 3200	0.5	\$8.41	\$0.00	\$0.00
FamLinks	1018	10/18/2002	1	PM	(EWORK3200-A) Workman 3200	0.5	\$8.41	\$0.00	\$0.00
FamLinks	1019	10/18/2002	1	PM	(EWORK3200-A) Workman 3200	0.5	\$8.41	\$0.00	\$0.00
FamLinks	1020	10/18/2002	1	PM	(ECLUB-F) Club Car Carryall 2	0.5	\$8.41	\$0.00	\$0.00
FamLinks	1021	10/21/2002	1	PM	(E3250-A) GM 325-D 4-WHL Dr	0.5	\$8.41	\$0.00	\$0.00
FamLinks	1022	10/21/2002	1	PM	(ECLUB-I) Club Car Carryall 2	0.5	\$8.41	\$0.00	\$0.00
FamLinks	1023	10/22/2002	1	PM	(EM4900-A) Kubota M4900 Tractor	1	\$16.83	\$0.00	\$0.00
FamLinks	1024	10/23/2002	1	PM	(EWalker-A) Walker Mower	0.5	\$8.41	\$0.00	\$0.00
FamLinks	1025	10/23/2002	1	PM	(ECLUB-A) Club Car Carryall 2	0.5	\$8.41	\$0.00	\$0.00
FamLinks	1026	10/23/2002	1	PM	(EWORK2100-A) Workman 2100	0.5	\$8.41	\$0.00	\$0.00
FamLinks	1027	10/24/2002	1	PM	(EDINGO-A) Dingo	0.75	\$12.62	\$0.00	\$0.00
FamLinks	1028	10/26/2002	1	PM	(EWORK4200-B) Workman 4200	0.5	\$8.41	\$0.00	\$0.00
FamLinks	1029	10/28/2002	1	PM	(EWORK3200-A) Workman 3200	0.5	\$8.41	\$0.00	\$0.00
FamLinks	1030	10/31/2002	1	PM	(EWORK4200-SP) MultiPro 4200 Spray R	0.5	\$8.41	\$0.00	\$0.00
FamLinks	1031	11/4/2002	1	PM	(E1600-A) GM 1600	0.5	\$8.41	\$0.00	\$0.00
FamLinks	1032	11/4/2002	1	PM	(E1600-B) GM 1600	0.5	\$8.41	\$0.00	\$0.00

Figure 17: Services Grid

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TurfCentric Opportunity Manager						
Parts Services Service History Maintenance Audit Telematics						
<div> <div> <div> <div></div> <div></div> <div></div> </div> <div> <div></div> <div></div> <div></div> </div> </div> <div>Select Sites...</div> <div> <div>Run Audit</div> </div> </div>						
<div> <input checked="" type="radio"/> Audit for the past <div>180</div> days <input type="radio"/> Audit between <div>7/ 7/2002</div> and <div>7/ 7/2003</div> <input type="radio"/> Audit since <div>7/ 7/2002</div> <input type="radio"/> Audit ALL history </div>						
Model #	Model # Description	Rollup Size	AEP \$\$	AEL Time (hrs)	AAP \$\$	AAL Time (hrs)
<input checked="" type="checkbox"/> 03201	Reelmaster 3100D Sidewinder S2 (Tractor Hyd Fluid)	1	96.71	(Need SRTs)	1423.7	2
<input checked="" type="checkbox"/> 03201	Reelmaster 3100D Sidewinder S3 (Tractor Hyd Fluid)	1	95.71	(Need SRTs)	1423.7	1
<input checked="" type="checkbox"/> 03201	Reelmaster 3100D w/ Sidewinder	2	9.945	(Need SRTs)	1423.7	
<input checked="" type="checkbox"/> 03201	Reelmaster 3100DSideWinder S1(Tractor Hyd Fluid)	1	154.64	(Need SRTs)	1423.7	2
<input checked="" type="checkbox"/> 03201	RM 3100D	1		(Need SRTs)	1423.7	
<input checked="" type="checkbox"/> 03201	RM 3100D w/ Sidewinder	4	28.9	(Need SRTs)	1423.7	1.8666666666666666
<input checked="" type="checkbox"/> 03426	Reelmaster 2600-D [F2]	1	13.69	(Need SRTs)	469.93	4
<input checked="" type="checkbox"/> 03426	Reelmaster 3100-D #1 (Sidewinder)	1	13.69	(Need SRTs)	469.93	1.5
<input checked="" type="checkbox"/> 03426	Reelmaster 3100-D #2 (Sidewinder)	1	13.69	(Need SRTs)	469.93	1
<input checked="" type="checkbox"/> 03426	Reelmaster 3100-D #3 (Sidewinder)	1	64.84	(Need SRTs)	469.93	3.5
<input checked="" type="checkbox"/> 03427	Reelmaster 2600-D [F1]	1	12.69	(Need SRTs)	469.93	2
<input checked="" type="checkbox"/> 03550	RM 5500-D 4-W/H Dr	1		(Need SRTs)	1402.81	1.5
<input checked="" type="checkbox"/> 03551	RM 5500-D 4-W/H Dr	2		(Need SRTs)	1402.81	0.5
<input checked="" type="checkbox"/> 03706	Reelmaster 4000-D [F3]	1	31.96	(Need SRTs)	1102.77	1
<input checked="" type="checkbox"/> 03707	Reelmaster 4000D	1	47.94	(Need SRTs)	1102.77	3.5
<input checked="" type="checkbox"/> 03803	Reelmaster 6500-D #1	1	14.57	(Need SRTs)	1056.61	1.5
<input checked="" type="checkbox"/> 03803	Reelmaster 6500-D #2	1	14.57	(Need SRTs)	1056.61	0.5
<input checked="" type="checkbox"/> 03803	Reelmaster 6500-D [F6]	1	29.14	(Need SRTs)	1056.61	
<input checked="" type="checkbox"/> 03803	Reelmaster 6500-D [F7]	1	29.14	(Need SRTs)	1056.61	3
<input checked="" type="checkbox"/> 03803	Reelmaster 6500-D [F4]	1	29.14	(Need SRTs)	1056.61	
<input checked="" type="checkbox"/> 03803	Reelmaster 6500-D [F5] (+700 Hr)	1	29.14	(Need SRTs)	1056.61	
<input checked="" type="checkbox"/> 03805	Reelmaster 6700 D #1	1	29.14	(Need SRTs)	1056.61	3.3
<input checked="" type="checkbox"/> 03805	Reelmaster 6700 D #2	1	29.14	(Need SRTs)	1056.61	2.3
<input checked="" type="checkbox"/> 03807	Reelmaster 6500-D	4	140.8025	(Need SRTs)	475.93	2
<input checked="" type="checkbox"/> 04021	GM Flex 21	7		(Need SRTs)	172	4.471428571428571
<input checked="" type="checkbox"/> 04048	Greensmaster 800	12	2.25	(Need SRTs)	172	0.6714285714285714
<input checked="" type="checkbox"/> 04048	Greensmaster 800 (C28)	1	7	(Need SRTs)	172	1

Figure 18: Maintenance Audit Grid

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TurfCentric Opportunity Manager

Parts | Services | Service History | Maintenance Audit | Telematics

Select Sites... Run Audit

☒ Audit for the past 180 days.
 ☐ Audit between 7/ 7/2002 and 7/ 7/2003
 ☐ Audit since 7/ 7/2002
 ☐ Audit ALL history

Model #	Model # Description	Rollup Size	AEP \$\$	AEL Time (hrs)	AAP \$\$	AAL Time (hrs)
03201	Reelmaster 3100D Sidewinder S2 (Tractor Hyd Fluid)	1	96.71 (Need SRTs)	1423.7	2	
03201	Reelmaster 3100D Sidewinder S3 (Tractor Hyd Fluid)	1	95.71 (Need SRTs)	1423.7	1	
03201	Reelmaster 3100D w/ Sidewinder	2	9.945 (Need SRTs)	1423.7		

Service	AE Cycles	AA Cycles
<input checked="" type="checkbox"/> Adjust Engine Valves	0	0
<input checked="" type="checkbox"/> Change Engine Oil	3.3	0.8
<input checked="" type="checkbox"/> Change Engine Oil and Filter	1.5	0.3
<input checked="" type="checkbox"/> Check Air Filter, Dust Cup, and Burp Valve	162	0
<input checked="" type="checkbox"/> Check Battery Cable Connections	3.3	0.8
<input checked="" type="checkbox"/> Check Battery Electrolyte Level	3.3	0.8
<input checked="" type="checkbox"/> Check Brake Operation	162	0
<input checked="" type="checkbox"/> Check Cooling System Fluid Level	162	0.1
<input checked="" type="checkbox"/> Check Engine Oil Level	162	0
<input checked="" type="checkbox"/> Check Engine RPM (Idle & Full Throttle)	0.1	0.1
<input checked="" type="checkbox"/> Check Fan and Alternator Belt Tensions	3.3	0.8
<input checked="" type="checkbox"/> Check for Fluid Leaks	162	0.1
<input checked="" type="checkbox"/> Check Fuel Level	162	0.1
<input checked="" type="checkbox"/> Check Height-of-Cut Adjustment	162	0
<input checked="" type="checkbox"/> Check Hydraulic Hoses for Damage	162	0.1
<input checked="" type="checkbox"/> Check Hydraulic System Oil Level	162	0.1
<input checked="" type="checkbox"/> Check Instrument Operation	162	0.1
<input checked="" type="checkbox"/> Check Radiator & Screen for Debris	162	0.1
<input checked="" type="checkbox"/> Check Reel-to-Bedknife Adjustment	162	0
<input checked="" type="checkbox"/> Check Safety Interlock Operation	162	0
<input checked="" type="checkbox"/> Check Tire Pressure	162	0.1
<input checked="" type="checkbox"/> Check Unusual Engine Noises	162	0
<input checked="" type="checkbox"/> Check Unusual Operating Noises	162	0

Figure 19: Maintenance Audit, Service Detail

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TurfCentric Opportunity Manager

Parts | Services | Service History | Maintenance Audit | Telematics

Select Sites... Run Audit

☒ Audit for the past 180 days.
 ☐ Audit between 7/ 7/2002 and 7/ 7/2003
 ☐ Audit since 7/ 7/2002
 ☐ Audit ALL history

Model #	Model # Description	Rollup Size	AEP \$\$	AEL Time (hrs)	AAP \$\$	AAL Time (hrs)
03201	Reelmaster 3100D Sidewinder S2 (Tractor Hyd Fluid)	1	96.71 (Need SRTs)	1423.7		
03201	Reelmaster 3100D Sidewinder S3 (Tractor Hyd Fluid)	1	95.71 (Need SRTs)	1423.7		
03201	Reelmaster 3100D w/ Sidewinder	2	9.945 (Need SRTs)	1423.7		

Service	AE Cycles	AA Cycles
Adjust Engine Valves	0	0
Change Engine Oil	3.3	0.8
Change Engine Oil and Filter	1.5	0.3
Part(s)	AE Qty	AE Part \$\$
(99-6384) FILTER-OIL	1.5	\$23.84
(SAE10W30CF,CF4) Engine Oil, SAE10W30CF,CF4	1.5	\$1.50
Part(s)	AA Qty	AA Part \$\$
(SAE10W30CF,CF4) Engine Oil, SAE10W30CF,CF4	0.3	\$4.77
(SAE10W30CF,CF4) Engine Oil, SAE10W30CF,CF4	0.3	\$0.30

Service	AE Cycles	AA Cycles
Check Air Filter, Dust Cup, and Burp Valve	162	0
Check Battery Cable Connections	3.3	0.8
Check Battery Electrolyte Level	3.3	0.8
Check Brake Operation	162	0
Check Cooling System Fluid Level	162	0.1
Check Engine Oil Level	162	0
Check Engine RPM (Idle & Full Throttle)	0.1	0.1
Check Fan and Alternator Belt Tensions	3.3	0.8
Check for Fluid Leaks	162	0.1
Check Fuel Level	162	0.1
Check Height-of-Cut Adjustment	162	0
Check Hydraulic Hoses for Damage	162	0.1
Check Hydraulic System Oil Level	162	0.1
Check Instrument Operation	162	0.1
Check Radiator & Screen for Debris	162	0.1
Check Reel-to-Backknife Adjustment	162	0

Figure 20: Maintenance Audit, Parts Detail

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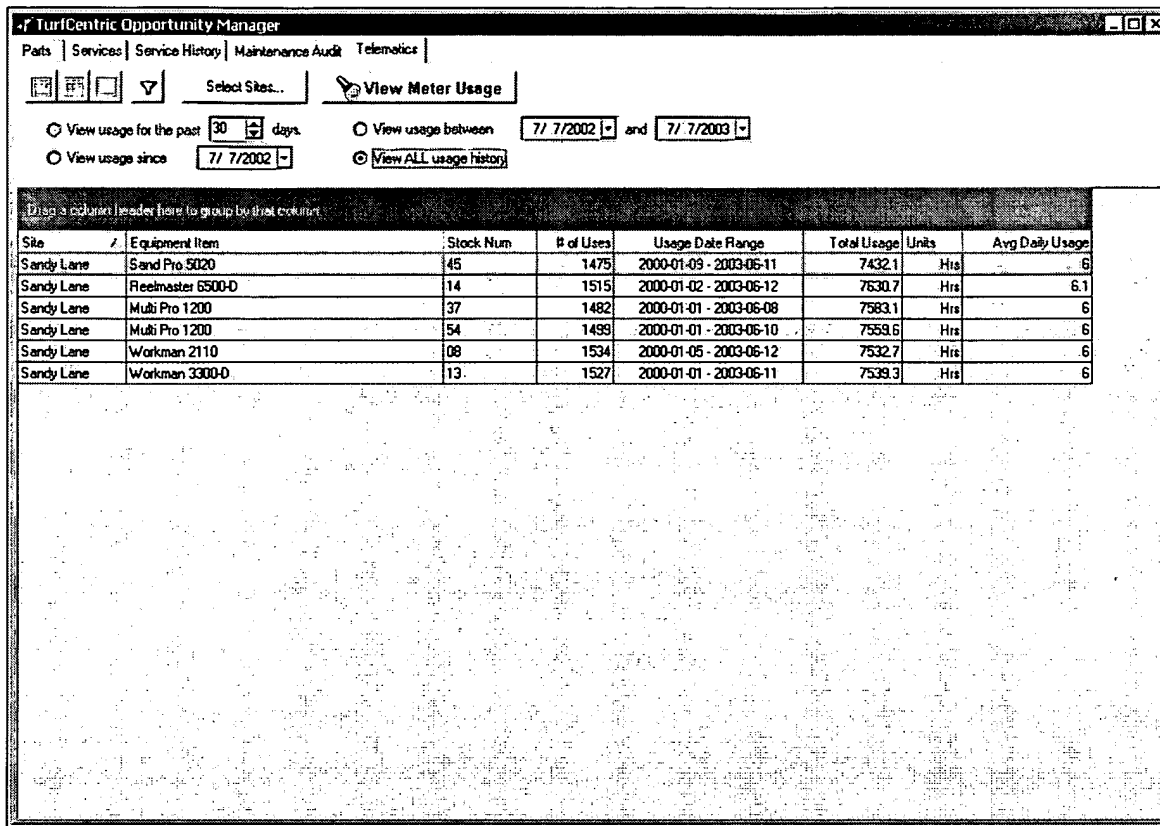


Figure 21: Telematics Results

Fields

- Course
- Minutes**
- NumOccurrences

Minutes:

Starting Range: 5 [Clear]

Ending Range: 5 [Clear]

[OK] [Cancel]

Field Order: ☐ Alphabetical ☒ Logical

[View Summary] [New Search]

Figure 22: Filter Detail

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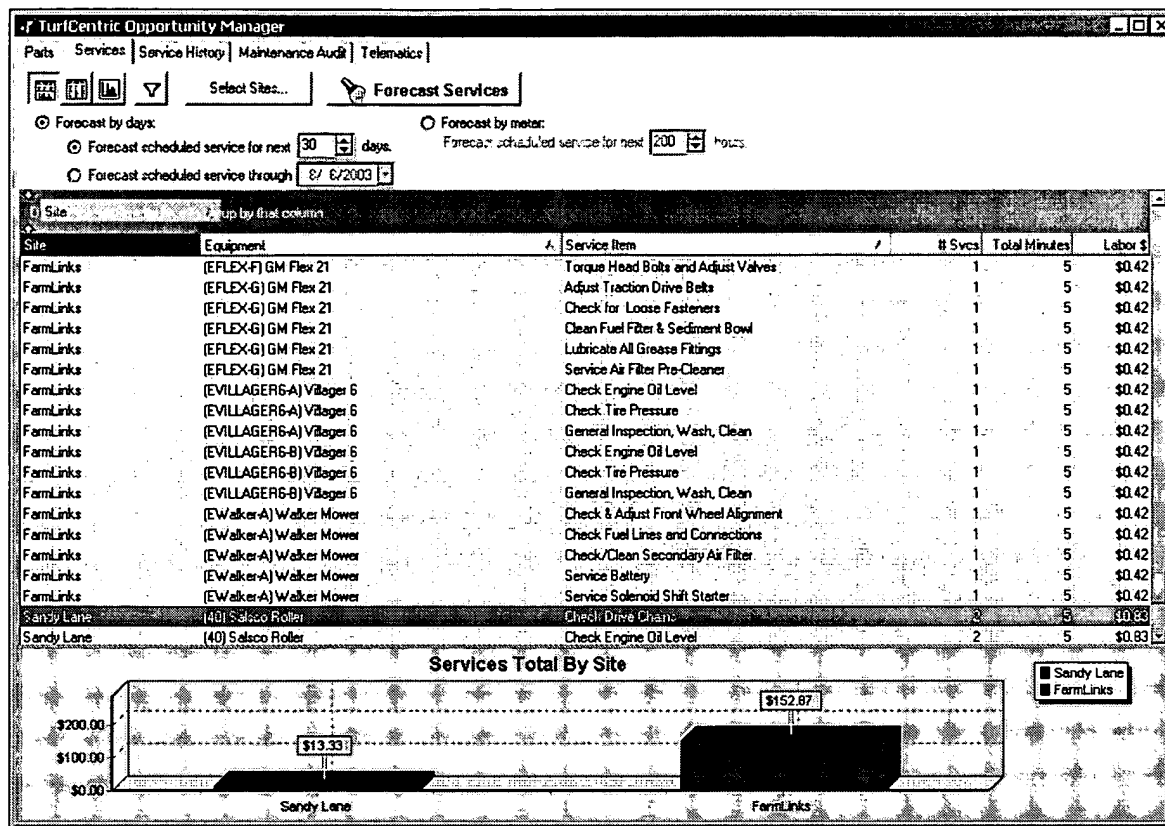


Figure 23. Grouping Results

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